

What Is Claimed Is:

1. A flexible fluid containment vessel for the transportation and/or containment of cargo comprising a fluid or fluidisable material, said vessel comprising:

5 an elongated flexible tubular structure having an interior and exterior and being comprised of fabric having a first circumference;

means for rendering said tubular structure impervious;

said tubular structure having a front end and a rear end;

means for filling and emptying said vessel of cargo;

10 wherein at least one of said front end or rear end is so formed so as to define an opening having a second circumference which is less than that of the first circumference; and

clamping mechanism for closing said opening, said mechanism having a receiving portion in which said end is inserted between two  
15 cooperating surfaces and thereafter a clamping force is placed thereon clamping said end between the cooperating surfaces thereby affixing said mechanism to said end.

20 2. The vessel in accordance with claim 1 wherein said clamping means comprises a ring portion and a ring receiving surface which define said two cooperating surfaces.

25 3. The vessel in accordance with claim 2 wherein said ring portion includes an enlarged radially extending member which is curved and extends outward.

4. The vessel in accordance with claim 3 wherein ring receiving surface includes a complementary curved surface to that of the radially extending member.

30 5. The vessel in accordance with claim 4 wherein said ring portion includes an axially located hub supported thereon, said ring receiving surface includes

an axially located member which is axially aligned with said hub and a load bearing device coupled between said hub and said axial member so as to effect a load therebetween so as to provide a clamping force.

5        6.        The vessel in accordance with claim 5 wherein said load bearing device is adjustable so as to adjust the amount of the clamping force.

7.        The vessel in accordance with claim 5 wherein said ring portion and ring receiving surface include openings that allow the egress and ingress of  
10        fluid to and from the interior of the tubular structure.

8.        The vessel in accordance with claim 7 wherein the ring portion is located on the interior and the ring receiving surface is located on the exterior with said ring receiving surface having means for closing off flow of  
15        fluid to and from the tubular structure.

9.        The vessel in accordance with claim 1 wherein said clamping mechanism includes means for coupling a tow cable thereto.

20        10.        The vessel in accordance with claim 8 wherein said clamping mechanism includes means for coupling a tow cable thereto.

11.        The vessel in accordance with claim 1 wherein said clamping mechanism is made from metal or a reinforced composite.

25        12.        The vessel in accordance with claim 8 wherein said clamping mechanism is made from metal or a reinforced composite.

30        13.        The vessel in accordance with claim 1 wherein said clamping mechanism is located on the front end and rear end.

14. The vessel in accordance with claim 5 wherein said clamping mechanism is located on the front end and rear end.

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